

# HB 257

PLUG IN SOLAR ENERGY GENERATION

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House District 22

# Alaska's Energy Costs

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Alaskans spend more per capita on energy than Americans in any other state

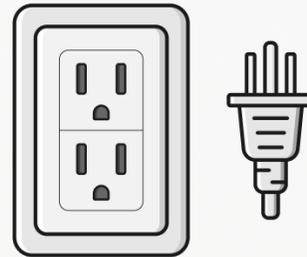
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The high cost of energy, combined with high demand for heating, cooling and light creates a burden for Alaskan households and businesses

# Plug in Solar Offers Some Relief



Small, portable solar generators can alleviate some of this cost



These generators plug directly into a standard outlet, requiring minimal installation



Accessibility is high with low cost of entry and relatively quick ROI

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# Potential Issues

- Safety - Units must not be energized while grid is shut down or while unplugged
- Small grid - Too many units in a small utility could reduce draw and endanger the grid



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# Solutions

- Safety - Part of the certification process that makes these units compliant with this bill includes a shut off switch. No current sensed, no power produced
- Small grid - Communities and Utilities should communicate regarding any widespread rollout of new technology

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# In Summary



- Alaskan energy is an expensive burden to Alaskan households and businesses.
- HB 257 opens a pathway to alleviating some of that burden while maintaining safety and without creating mandates or costly incentive programs.

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**Questions?**